

Title (en)

DISPENSING DEVICE, AUTOMATIC ANALYSIS DEVICE, AND DISPENSING METHOD

Title (de)

AUSGABEVORRICHTUNG, AUTOMATISCHE ANALYSEVORRICHTUNG UND AUSGABEVERFAHREN

Title (fr)

DISPOSITIF DE DISTRIBUTION, DISPOSITIF D'ANALYSE AUTOMATIQUE ET PROCÉDÉ DE DISTRIBUTION

Publication

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Application

EP 22819953 A 20220418

Priority

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Abstract (en)

The present disclosure provides a technique for determining, with high accuracy, an abnormality that occurs when a plurality of types of liquids are simultaneously dispensed. A dispensing device of the present disclosure includes: a dispensing nozzle; a pressure source; a sensor configured to detect a pressure inside the dispensing nozzle; a processor configured to control the dispensing nozzle and the pressure source, to perform aspiration of a second liquid different from a first liquid in a state where the first liquid is aspirated and held, and to determine an abnormality during the aspiration of the second liquid; and a storage device configured to store reference pressure data and predetermined threshold. A plurality of pieces of at least one of the reference pressure data and the predetermined threshold are acquired in advance and stored in the storage device so as to respectively correspond to different physical property values of the first liquid. The processor acquires pressure data to be a target of abnormality determination, and selects, according to the physical property values of the first liquid, one of a plurality of pieces of the reference pressure data if the plurality of pieces of the reference pressure data are stored, and one of a plurality of pieces of the predetermined threshold if the plurality of pieces of the predetermined threshold are stored.

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